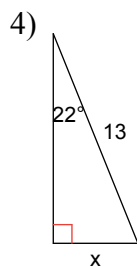
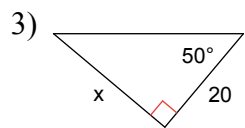
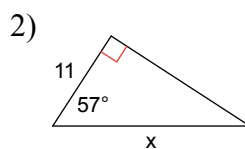
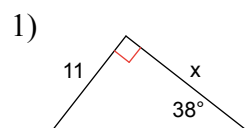
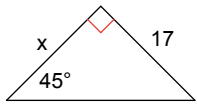


6.3 Finding Missing Sides and Angles Using Trig. Date _____ Period _____

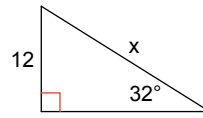
Find the missing side. Round to the nearest tenth.



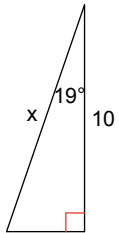
5)



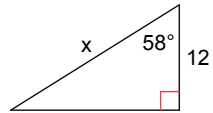
6)



7)

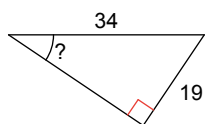


8)

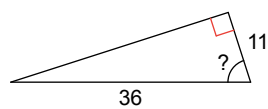


Find the measure of the indicated angle to the nearest degree.

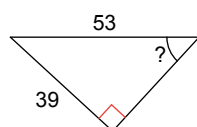
9)



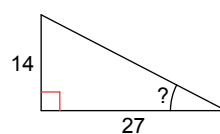
10)



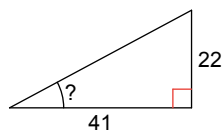
11)



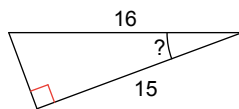
12)



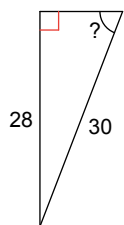
13)



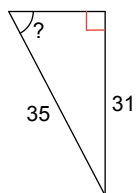
14)



15)

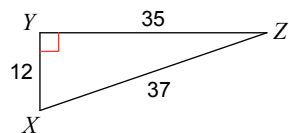


16)

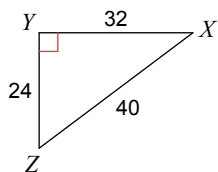


Write each ratio as a fraction.

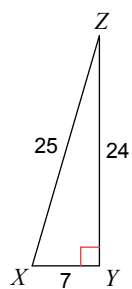
17) $\tan Z$



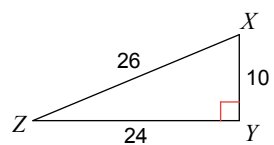
18) $\tan Z$



19) $\cos Z$

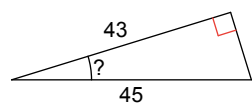


20) $\cos X$

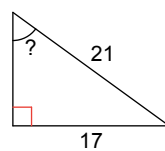


Solve each triangle.

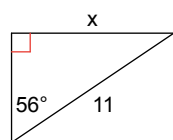
21)



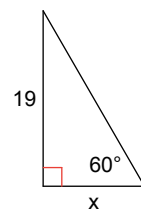
22)



23)



24)



Answers to 6.3 Finding Missing Sides and Angles Using Trig. (ID: 1)

- | | | | |
|----------------|----------------|----------------|----------------|
| 1) 14.1 | 2) 20.2 | 3) 23.8 | 4) 4.9 |
| 5) 17.0 | 6) 22.6 | 7) 10.6 | 8) 22.6 |
| 9) 34° | 10) 72° | 11) 47° | 12) 27° |
| 13) 28° | 14) 20° | 15) 69° | 16) 62° |
| 17) 0.3429 | 18) 1.3333 | 19) 0.9600 | 20) 0.3846 |
| 21) 17° | 22) 54° | 23) 9.1 | 24) 11.0 |